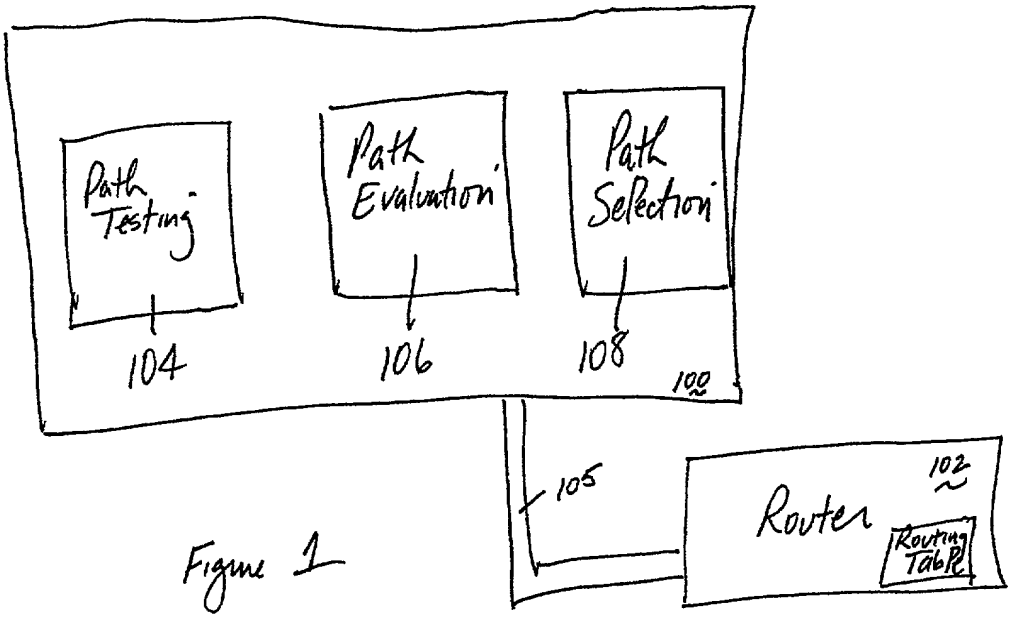

Figure 1

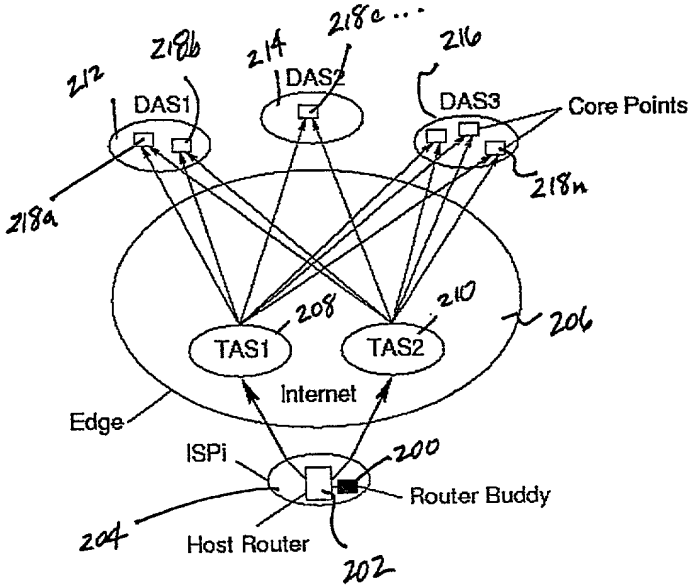

Figure 2

DOCKET A L A R M

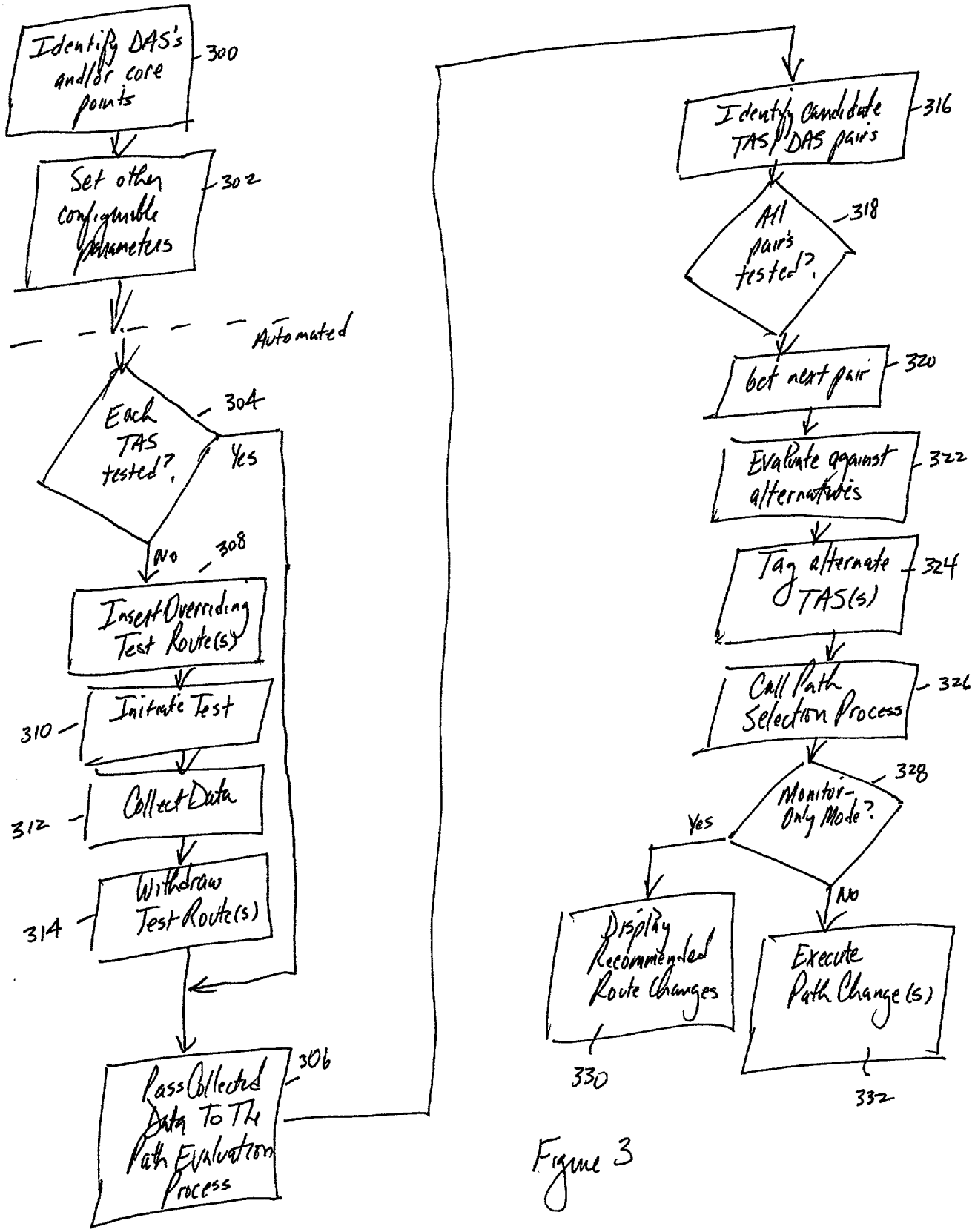
Identify DAS's and/or core points
300
Set other configurable parameters
302
Automated
Each TAS tested?
304
Yes
No
308
Insert Overriding Test Route(s)
Initiate Test
310
Collect Data
312
Withdraw Test Route(s)
314
Pass Collected Data To The Path Evaluation Process
306
Identify Candidate TAS/DAS pairs
316
All pairs tested?
318
Get next pair
320
Evaluate against alternatives
322
Tag alternate TAS(s)
324
Call Path Selection Process
326
Monitor-Only Mode?
328
Yes
No
Display Recommended Route Changes
330
Execute Path Change(s)
332

Figure 3

```
router bgp 64515
 neighbor 207.106.2.74 remote-as 6461
 neighbor 207.106.2.74 soft-reconfiguration inbound
 neighbor 207.106.2.74 route-map AKATRANSIT_6461 in

ip as-path access-list 178 permit _174_
ip as-path access-list 178 permit _3356_
ip as-path access-list 178 permit _4713_

route-map AKATRANSIT_6461 permit 10
 match as-path 178
 set local-preference 5000

route-map AKATRANSIT_6461 permit 1000
```

Initially, the as-path access-list denies all AS's.

```
router bgp 64515
 neighbor 192.41.177.80 route-map AKATRANSIT_5000 in

ip as-path access-list 175 deny .*

route-map AKATRANSIT_5000 permit 10
 match as-path 175
 set local-preference 5000

route-map AKATRANSIT_5000 permit 1000
```

Figure 4

```
policy-options {
    policy-statement AKATRANSIT_6172 {
        term first {
            from {
                protocol bgp;
                as-path AKAPATH_6172;
            }
            then {
                set local-preference 5000;
                accept;
            }
        }
    }
    as-path AKAPATH_6172 ".* (705) .*";
}
```

Figure 5